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AUG 09 2004

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7663 7590 08/02/2004

**STETINA BRUNDA GARRED & BRUCKER**  
**75 ENTERPRISE, SUITE 250**  
**ALISO VIEJO, CA 92656**

08/10/2004 DEMMANU2 00000005 09632017

01 FC:1501 1330.00 OP  
 02 FC:8001 30.00 OP

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|                                       |                    |
|---------------------------------------|--------------------|
| Dawn A. Privett<br><i>[Signature]</i> | (Depositor's name) |
| August 5, 2004                        | (Signature)        |
| August 5, 2004                        | (Date)             |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.  | CONFIRMATION NO. |
|-----------------|-------------|----------------------|----------------------|------------------|
| 09/632,017      | 08/02/2000  | Jerry Wynn Brimer    | NORTH-358G/A-2185 DI | 1088             |

TITLE OF INVENTION: ACID IMPERVIOUS COATED METAL SUBSTRATE SURFACE AND METHOD OF PRODUCTION

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1330    | \$0             | \$1330           | 11/02/2004 |

| EXAMINER           | ART UNIT | CLASS-SUBCLASS |
|--------------------|----------|----------------|
| JACKSON, MONIQUE R | 1773     | 428-297400     |

|   |   |
|---|---|
| 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).<br><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.<br><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. | 2. For printing on the patent front page, list<br>(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,<br>(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. |
| <p align="center">1 <u>STETINA BRUNDA</u><br/>   2 <u>GARRED &amp; BRUCKER</u><br/>   3 _____</p>   |   |

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Northrop Grumman Corporation

Los Angeles, California

Please check the appropriate assignee category or categories (will not be printed on the patent);  individual  corporation or other private group entity  government

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Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies 10

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5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

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(Authorized Signature) Bruce B. Brunda (Date) August 5, 2004

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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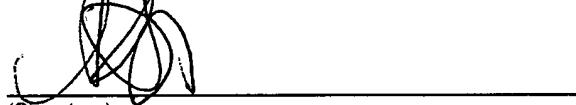
TITLE: ACID IMPERVIOUS COATED METAL SUBSTRATE SURFACE AND METHOD  
OF PRODUCTION

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**DAWN A. PRIVETT**

(Typed name of person signing certificate)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

|  |  |                        |                    |
|--|--|------------------------|--------------------|
|  |  | Application Number     | 09/632,017         |
|  |  | Filing Date            | August 2, 2000     |
|  |  | First Named Inventor   | Jerry Wynn Brimer  |
|  |  | Art Unit               | 1773               |
|  |  | Examiner Name          | Monique R. Jackson |
| Total Number of Pages in This Submission |  | Attorney Docket Number | NORTH-358GQ        |

**ENCLOSURES (Check all that apply)**

|  |   |  |
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| <input checked="" type="checkbox"/> Issue Fee Transmittal Form               | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance Communication to Group                            |
| <input checked="" type="checkbox"/> Fee Attached                             | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input type="checkbox"/> Amendment/Reply                                     | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
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| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <input type="checkbox"/> CD, Number of CD(s) _____                        |  |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application   | <input type="checkbox"/> Remarks  |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                         |  |
|-------------------------|--|
| Firm or Individual name | Bruce B. Brunda<br>STETINA BRUNDA GARRED & BRUCKER |
| Signature               |  |
| Date                    | August 5, 2004                                     |

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|                       |                 |      |                |
|-----------------------|-----------------|------|----------------|
| Typed or printed name | Dawn A. Brimley |      |                |
| Signature             |                 | Date | August 5, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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